



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 2809

SERIAL NUMBER 10/636,145	FILING DATE 08/06/2003 RULE	CLASS 711	GROUP ART UNIT 2189	ATTORNEY DOCKET NO. 3PD-P104
-----------------------------	---------------------------------------	--------------	---------------------------	------------------------------------

APPLICANTS

Douglas J. Cameron, Santa Cruz, CA;

** CONTINUING DATA *****

✓ This appln claims benefit of 60/402,223 08/08/2002

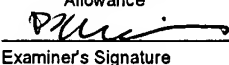
BY

** FOREIGN APPLICATIONS *****

NONE

BY

IF REQUIRED, FOREIGN FILING LICENSE ** SMALL ENTITY **
GRANTED
** 11/03/2003

Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	STATE OR	SHEETS	TOTAL	INDEPENDENT
35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance	COUNTRY CA	DRAWING 9	CLAIMS 12	CLAIMS 2
Verified and Acknowledged  Examiner's Signature	Initials			

ADDRESS

32566
PATENT LAW GROUP LLP

2635 NORTH FIRST STREET

SUITE 223
SAN JOSE , CA
95134

TITLE

On-demand allocation of physical storage for virtual volumes using a zero logical disk

FILING FEE RECEIVED 375	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees
		<input type="checkbox"/> 1.16 Fees (Filing)
		<input type="checkbox"/> 1.17 Fees (Processing Ext. of time)
		<input type="checkbox"/> 1.18 Fees (Issue)
		<input type="checkbox"/> Other _____
		<input type="checkbox"/> Credit